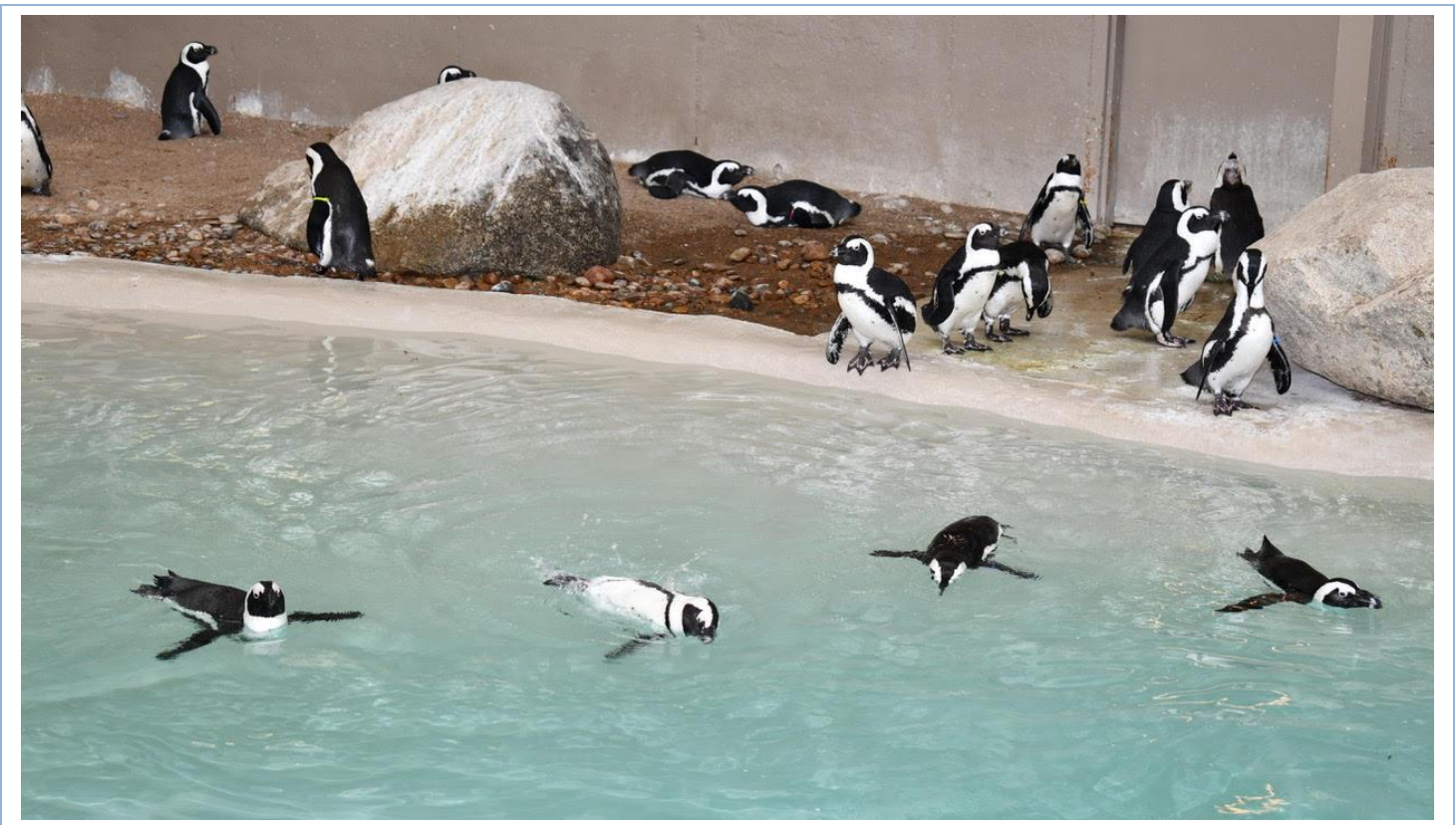


ZOO / Wildlife Park

Customer: Tanganyika Wildlife Park, Wichita, KS

Category: Commercial

Application: Jackass Penguin Exhibit



The Challenge: The park was experiencing a major algae problem in the pool in the penguin exhibit. The water had turned so green and thick because of the algae growth that the penguins would not even get close to the pool.

Manually scrubbing the pool sides and bottom would not work and harsh chemicals were not a viable solution because they could possibly harm the penguins.

The water supplied to the pool was so hard that scale was building up on the pools interior which, in turn, provided food for the algae to feed on.

The Solution: In 2015, the park installed a NaturalSof NS96 3" scale preventer in the main pool plumbing system (see next page...)



NaturalSof Pro
installed in Main
Pool System

Results:

Within one week, the pool was crystal clear. Because the NS96 eliminated the scale problem, the algae had nothing to 'feed' on. The staff simply took a regular pool brush to broom the bottom and walls of the pool, releasing the algae from the pool walls and bottom. By stirring up the algae, and getting it released and floating, the pool filter was then able to do its job and clean the water.

Additional Benefits:

Because this is a salt water based pool, the pool draws on dissolved salt in the water to generate chlorine. The salt cell, or generator, utilizes a process called electrolysis to break down, or separate, the salt also known as sodium chloride or NaCl in the water. The cell, installed in the pool utility room, along with the pumps and filters, was completely covered with scale. The cell required a descaling procedure every 2-3 weeks. **After the NaturalSof NS96 was installed, they have completely done away with this descaling procedure.** Other than regularly changing the water in the exhibit, because of fish remains from feeding times, and the penguin wastes, the pool in the penguin exhibit has continued to remain crystal clear with no problems with algae growth through 2018. As these birds are rather expensive, and this being a breeding facility, in addition to being a public attraction, keeping these penguin's "happy" is very important to important to keeping the facility open, and keeping the penguins to continue breeding. The penguin's feather's and skin seem to be in much better condition now, after the NaturalSof was installed. After seeing the results the NaturalSof provided on the penguin habitat, Tanganyika Wildlife Park installed three NaturalSof NS45 scale preventers at the pitless adapters on the three wells that provided most all of the exhibits water. These NaturalSof scale preventers provided a return on their investment in less than one year by eliminating labor costs relating to scale buildup and eliminating chemical costs related to scale prevention.

No More Scale



Contact
NaturalSof to
see how we
can help You!
NaturalSof.com

Thanks NaturalSof !!!

